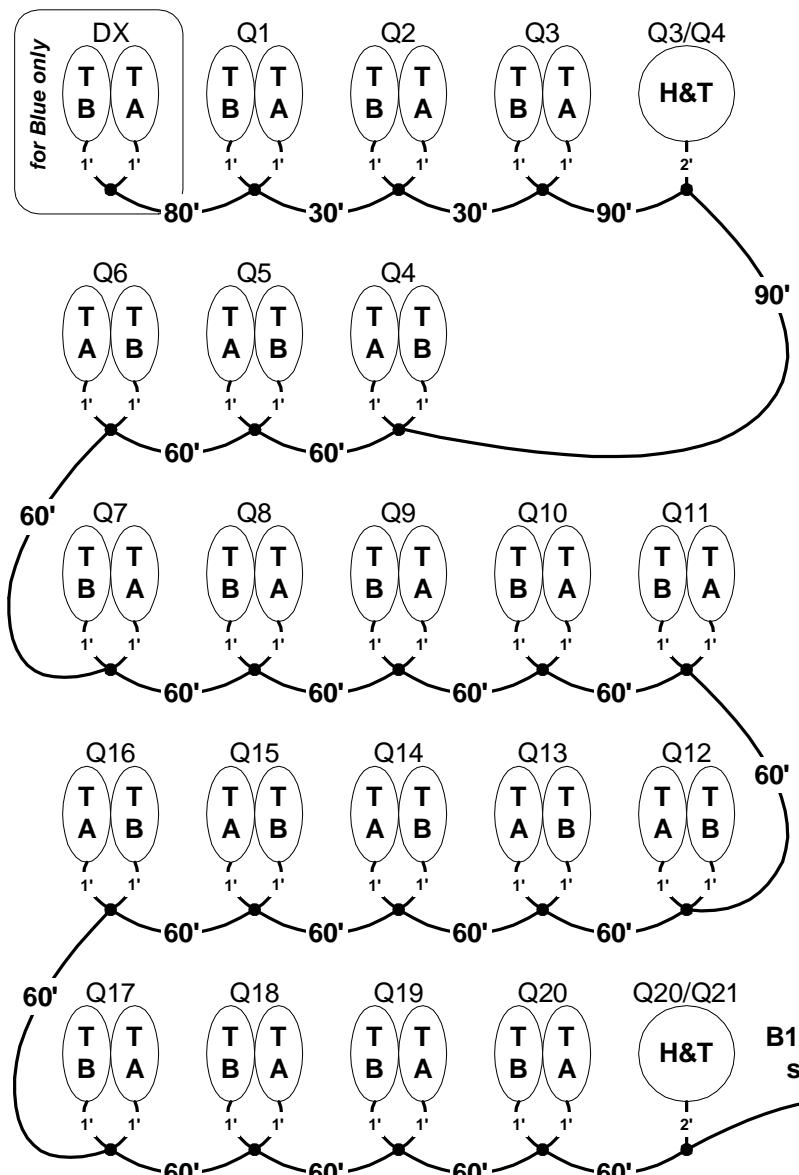


# 1-WIRE Temperature Sensor Network Layout Block Diagram for Alcove 1B



**1B alcove  
Blue & Yellow  
Runs**

B12 & Y12  
strings

B1 & Y1  
strings

**T** = Temperature sensor

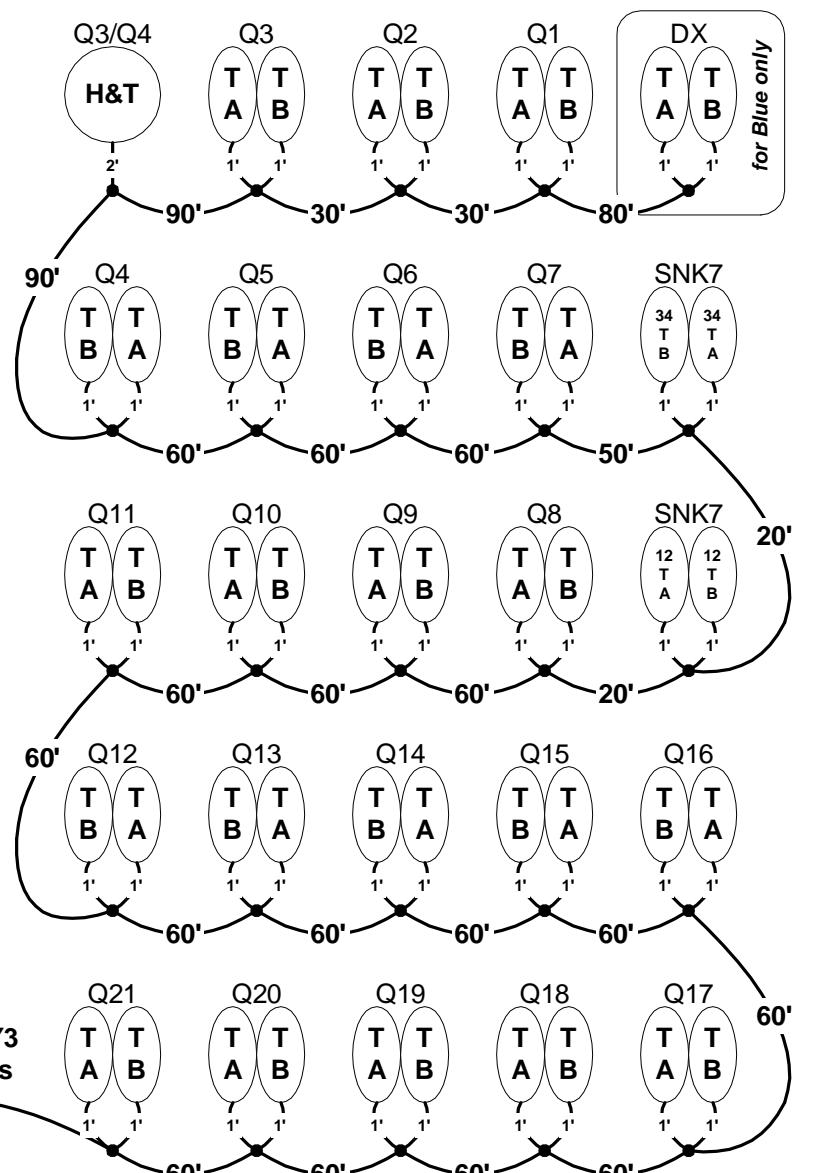
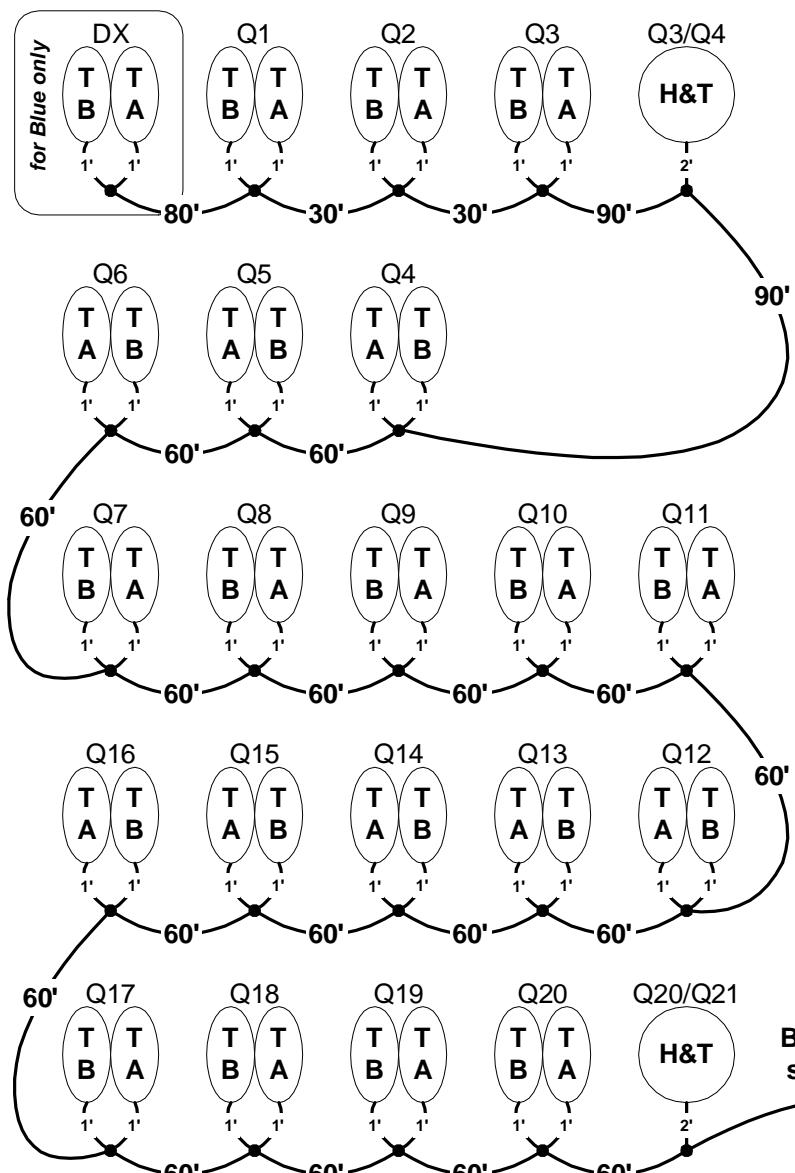
**H&T** = Humidity & Temperature sensors (in one package)

Note 1: Cable signal assignments:  
 Alpha 9888C Temp Sensor  
 CLEAR RED  
 BLUE BLUE  
 SHIELD BLACK

Humidity Sensor Function  
 WHITE +5V  
 RED DATA  
 GREEN COMMON

Note 2:  
 1. Cable parts number Alpha 9888C Twinax  
 2. e.g. of sitewide names:  
 B1-21TA  
 Y12-20/21H  
 B1-DXTA

# 1-WIRE Temperature Sensor Network Layout Block Diagram for Alcove 3B



**3B alcove  
Blue & Yellow  
Runs**

B2 & Y2  
strings

60'

B3 & Y3  
strings

60'

Note 1: Cable signal assignments:  
Alpha 9888C  
CLEAR  
BLUE  
SHIELD  
Temp Sensor  
RED  
BLUE  
BLACK

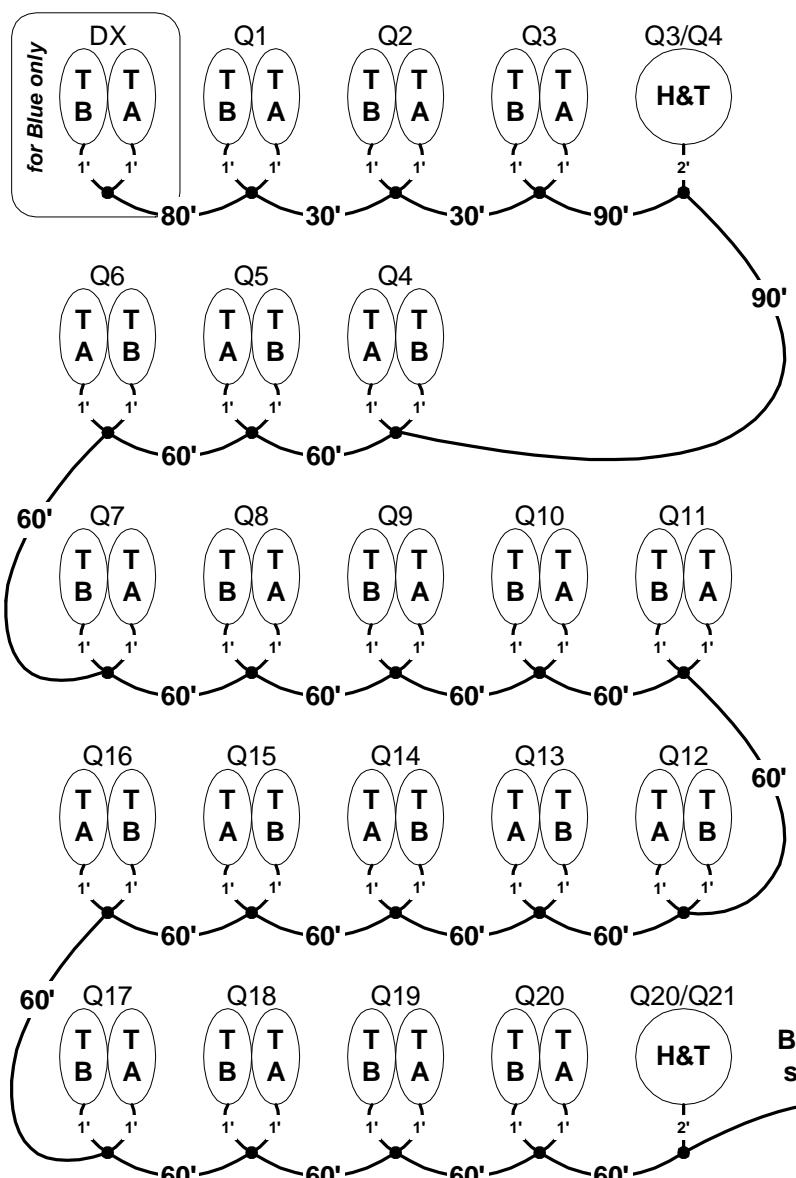
Humidity Sensor  
WHITE  
RED  
GREEN  
Function  
+5V  
DATA  
COMMON

**T** = Temperature sensor

**H&T** = Humidity & Temperature sensors (in one package)

Note:  
1. Cable parts number Alpha 9888C Twinax.  
2. e.g. of sitewide names:  
**B3-21TA**  
**B2-20/21H**  
**B3-SNK7-34TA**

# 1-WIRE Temperature Sensor Network Layout Block Diagram for Alcove 5B



B4 & Y4 strings  
B5 & Y5 strings  
60'  
5B alcove  
Blue or Yellow  
Runs

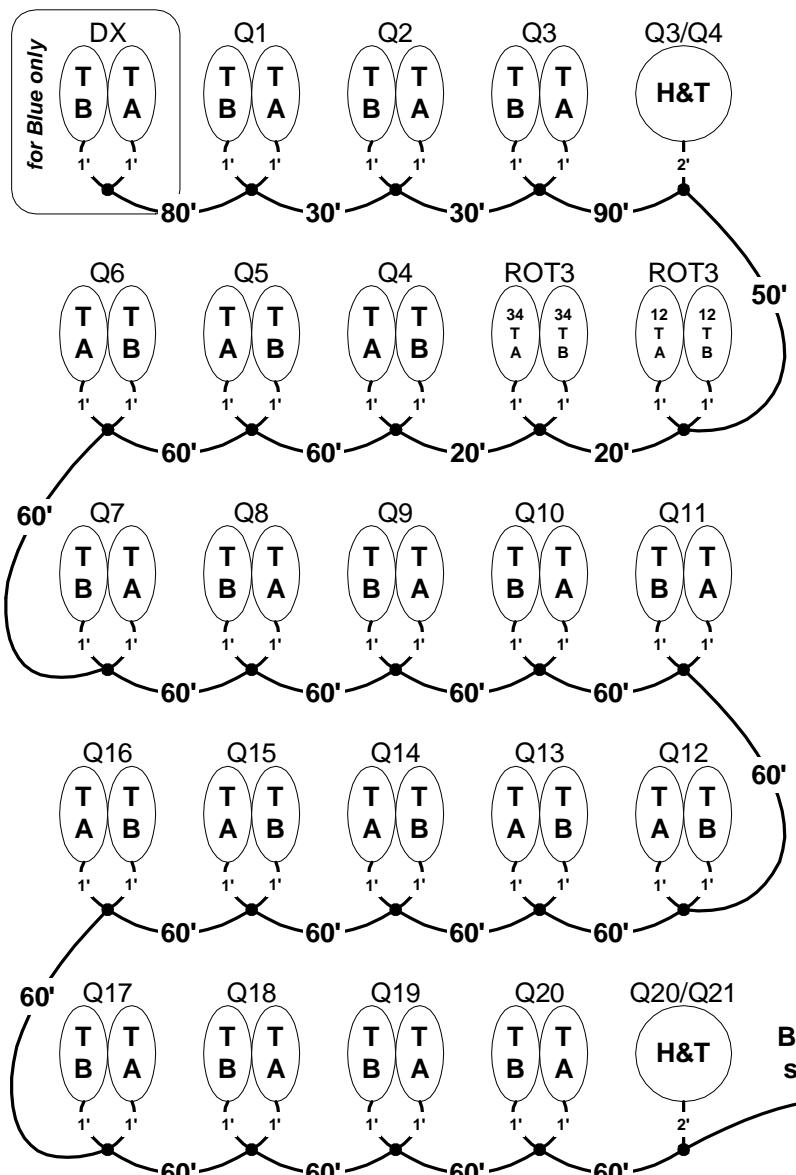
**T** = Temperature sensor  
**H&T** = Humidity & Temperature sensors (in one package)

Note 1: Cable signal assignments:  
Alpha 9888C Temp Sensor  
CLEAR RED  
BLUE BLUE  
SHIELD BLACK

Humidity Sensor Function  
WHITE +5V  
RED DATA  
GREEN COMMON

Note:  
1. Cable parts number Alpha 9888C Twinax.  
2. e.g. of sitewide names:  
B5-21TA  
B4-20/21H  
B5-ROT3-34TA

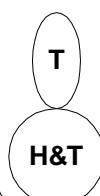
# 1-WIRE Temperature Sensor Network Layout Block Diagram for Alcove 7B



7B alcove  
Blue & Yellow  
Runs



= Temperature sensor



= Humidity & Temperature sensors (in one package)

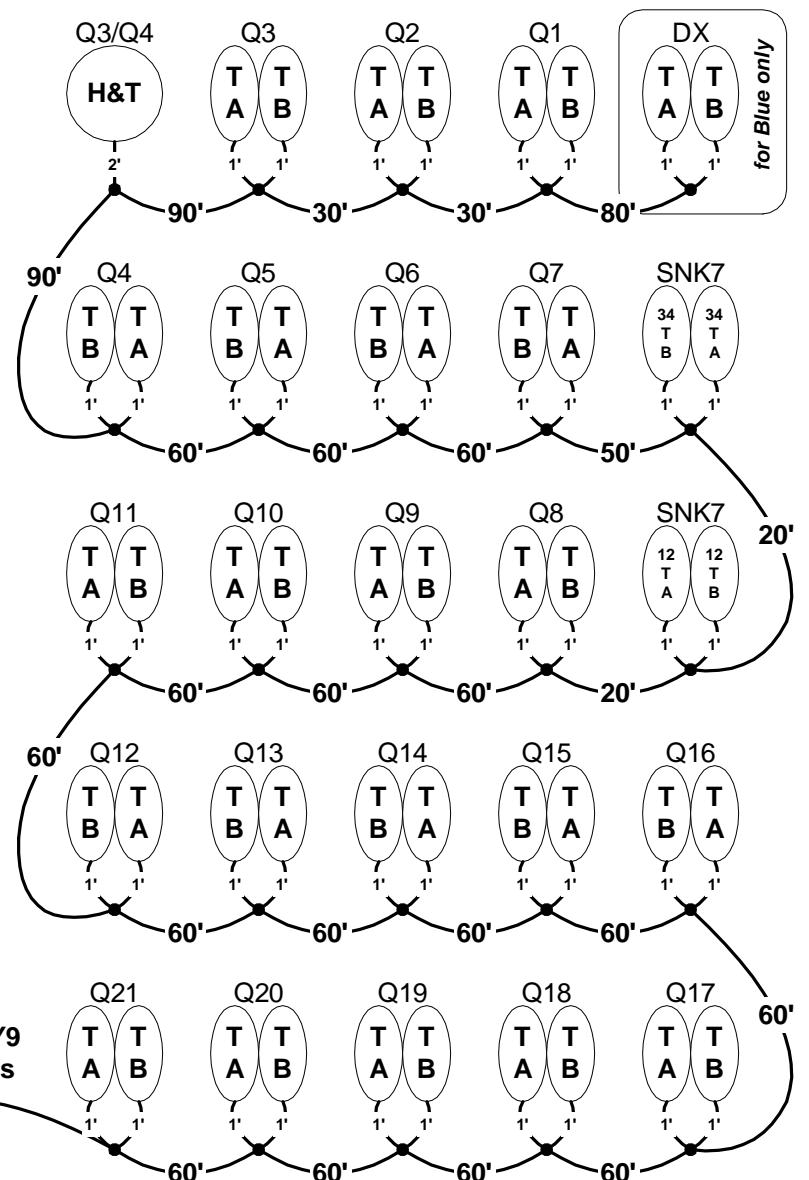
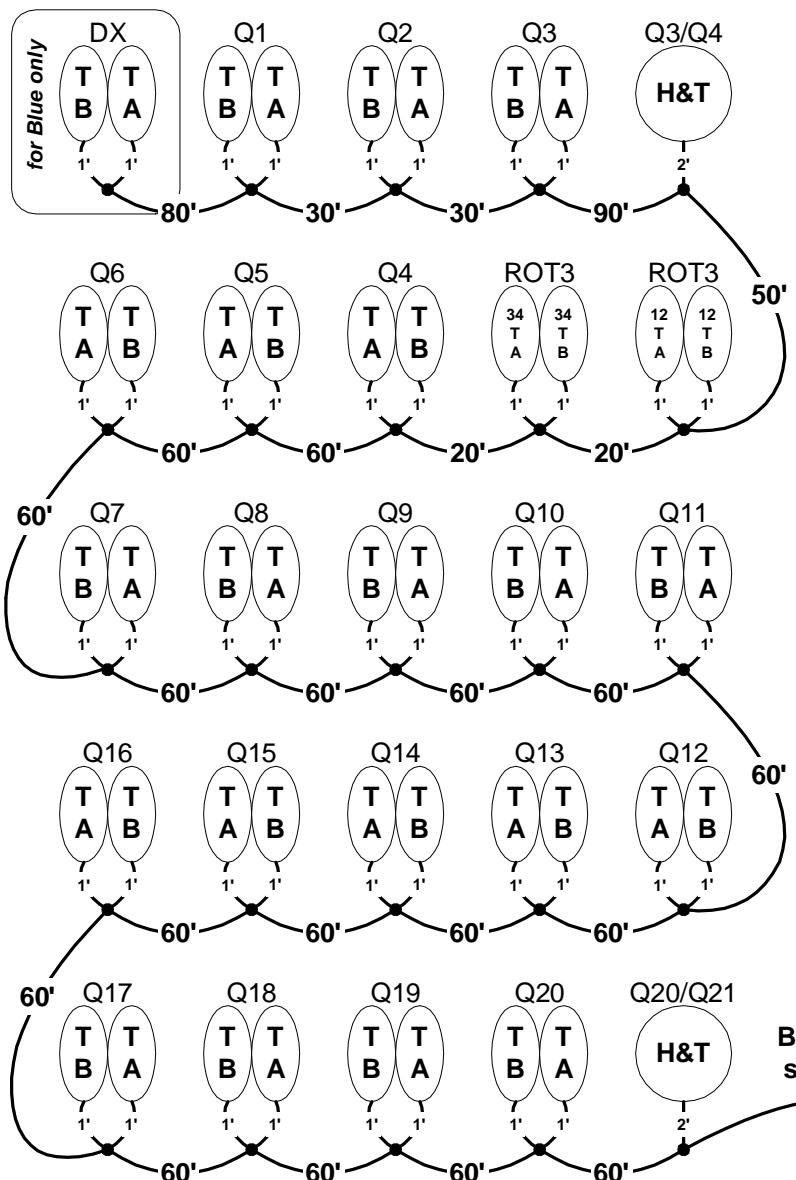
Note 1: Cable signal assignments:  
Alpha 9888C  
CLEAR  
BLUE  
SHIELD  
Temp Sensor  
RED  
BLUE  
BLACK

Humidity Sensor  
WHITE  
RED  
GREEN  
Function  
+5V  
DATA  
COMMON

Note:

1. Cable parts number Alpha 9888C Twinax.
2. e.g. of sitewide names:  
B7-21TA  
B6-20/21H  
B6-ROT3-34TA

# 1-WIRE Temperature Sensor Network Layout Block Diagram for Alcove 9B



**T** = Temperature sensor

**H&T** = Humidity & Temperature sensors (in one package)

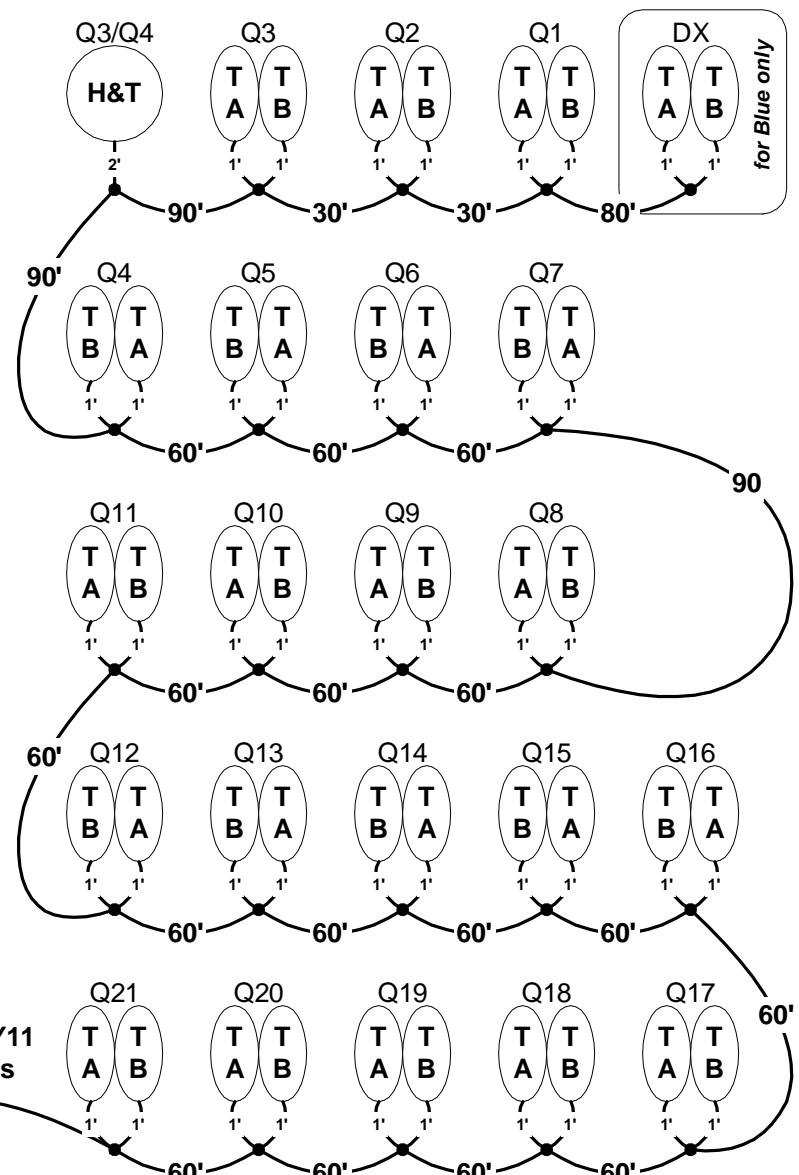
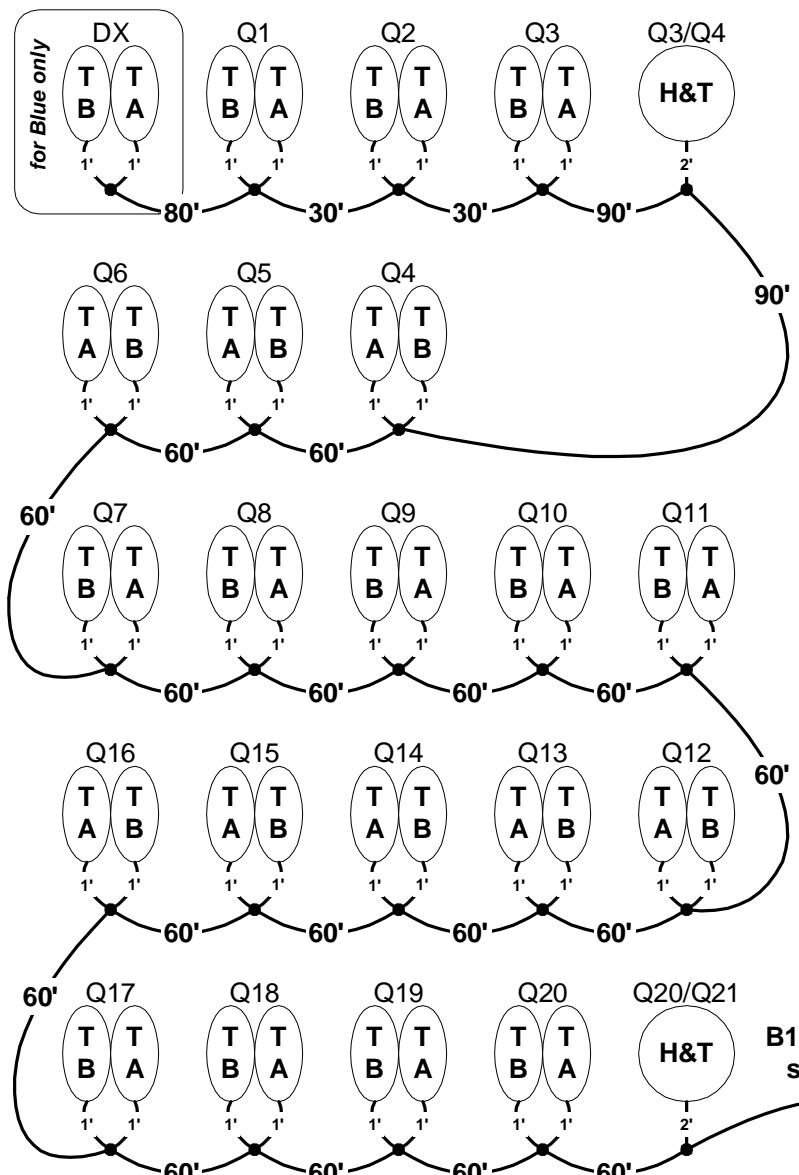
B8 & Y8 strings  
B9 & Y9 strings  
9B alcove  
Blue or Yellow  
Runs

Note 1: Cable signal assignments:  
Alpha 9888C  
CLEAR  
BLUE  
SHIELD  
Temp Sensor  
RED  
BLUE  
BLACK

Humidity Sensor  
WHITE  
RED  
GREEN  
Function  
+5V  
DATA  
COMMON

Note:  
1. Cable parts number Alpha 9888C Twinax.  
2. e.g. of sitewide names:  
B9-21TA  
B8-20/21H  
B8-ROT3-34TA

# 1-WIRE Temperature Sensor Network Layout Block Diagram for Alcove 11B



**11B alcove  
Blue & Yellow  
Runs**

B10 & Y10  
strings

60'

B11 & Y11  
strings

60'

Note 1: Cable signal assignments:

Alpha 9888C  
CLEAR  
BLUE  
SHIELD

Temp Sensor  
RED  
BLUE  
BLACK

Humidity Sensor  
WHITE  
RED  
GREEN

Function  
+5V  
DATA  
COMMON



= Temperature sensor



= Humidity & Temperature sensors (in one package)

Note:

1. Cable parts number Alpha 9888C Twinax.
2. e.g. of sitewide names:

B11-21TA  
B10-20/21H  
B11-DXTA